

## John Dalton

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President

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### Professional History

- Navigant Consulting
- Reed Consulting Group
- R.J. Rudden Associates Inc., 1987-1988
- Massachusetts Energy Facilities Siting Council, 1984-1987
- Massachusetts Department of Environmental Protection, 1981-1984

### Education

- Boston University, MBA, 1987
- Brown University, AB, Economics, 1980

A senior electricity market analyst and electricity policy consultant with over thirty-years of experience in energy market analysis, power procurement, project valuation, and strategy development. Experienced in the evaluation and analysis of electricity markets and the competitive position of generation technologies and projects within these markets including the assessment of the competitiveness of the underlying market, the development of power market price forecasts, the implementation of power procurement processes, and the development and evaluation of renewable energy policies. Frequent speaker on these subjects at energy industry conferences.

### Professional Experience

#### Market Assessment

- » Developed and supported numerous market price forecasts for wholesale power markets across North America. Price forecasts were used to support generation project development efforts, project financings and acquisitions, regulatory policy development, and power procurement efforts.
- » Demonstrated the need for electric generation projects in filings submitted to various state and provincial regulatory agencies. Evaluated the cost of a wide range of different generation technologies for a number of clients. Defended analyses in prepared and oral testimony before these state agencies.
- » Conducted wholesale power market analyses across North America for a wide range of market participants. Analysis included identifying likely competitors and pricing, security provisions, and general terms and conditions of various power supply options. Evaluated pricing required to compete in the market.
- » Advised the Ontario Electricity Financial Corporation with the management of its non-utility generation contracts. Advice included addressing the policy issues associated with balancing concerns with the sanctity of existing contracts and the desire to minimize stranded debt as well as to use the contracts as a source of competitive discipline for the incumbent provincial electric utility.

- » Managed a team that was retained by a large power generation company to develop a market assessment and wholesale power market price forecast for the Alberta market. Our assessment focused on issues affecting the fundamentals of the Alberta power market, including the future demand supply balance, growth in demand, market interconnections, and potential new generation capacity additions.
- » Retained by the financial advisors for the developer of a proposed new combined cycle gas turbine project in Alberta to establish the toll between the Corporate entity participating in the income fund and the parent. Defended forecast assumptions and the modelling approach before investors as part of a public offering.
- » Directed the use of ProSym in a proceeding before the Alberta Energy and Utilities Board (AEUB) to estimate the costs of transmission congestion and the benefits of increasing the transfer capability of the North South transmission interface. Modeling assumptions and methodology were successfully defended before the AEUB.
- » Advised numerous generation project developers across North America on opportunities offered by participating in the relevant wholesale power market and various power supply procurement RFPs. Evaluated market risks and outlined strategies for managing these risks most efficiently.
- » Analyzed and critiqued the supply planning methodologies of electric and gas utilities, focusing on the appropriateness of the supply planning models and methods. Provided recommendations for improving supply planning methods which were designed to assist the utilities in addressing the uncertainties associated with long-range planning. Prepared recommendations for the refinement of demand forecasting methods for electric and natural gas utilities. Analyzed and evaluated the statistical and quantitative projection methods used, including end-use and econometric forecasting techniques.
- » Evaluated electric generating technologies on the basis of the capital and operating costs, technological risk, and environmental impact, identifying a preferred alternative in light of these considerations. Defended the selection process before a regulatory agency.
- » Prepared strategic plan for a number of electric and natural gas market participants which evaluated the state/provincial and federal regulatory climate for cogeneration and generation projects, market prices and risks and recommended a competitive strategy.

#### **Market Structure Development and Evaluation**

- » Advised the governments of Ontario, New Brunswick, Nova Scotia, Western Australia, and Manitoba regarding the restructuring of their wholesale power markets and possible market structures to achieve a workably competitive wholesale market.
- » Responsible officer for market design project for the Province of New Brunswick. Navigant Consulting assisted the Market Design Committee and its subcommittees in providing the Minister of Natural Resources and Energy with recommendations on the implementation of electricity restructuring. Issues addressed included developing a market design that addresses concerns with the potential for the exercise of market power and enables New Brunswick to integrate with its interconnected markets. The Market Design Committee addressed development of the electricity market including its design, structure and rules. Navigant Consulting provided advice on the issues to be addressed, prepared issue papers and presentations, created strawmen for resolution of issues, and developed guidelines and direction for the creation of market design rules and protocols.

- » Project manager for an assignment with the Province of New Brunswick to assist with the development of its ten-year energy policy. The cornerstone of this energy policy was the framework for restructuring its wholesale and retail electric markets. Advised regarding developments in other wholesale and retail markets and the prospects for meaningful competition in New Brunswick's wholesale and retail markets. Navigant Consulting advised regarding benefits offered by wholesale and retail competition; strategies for protecting New Brunswick consumers from market dislocations and higher prices; appropriate regulatory frameworks for the wires businesses and the prospects for achieving a workably competitive wholesale market in New Brunswick and the resulting market design requirements; and policies for addressing stranded costs raised by market restructuring.
- » Markets and economics expert for a project with Western Power, the state-owned fully integrated utility that serves the vast majority of Western Australia. Advised regarding potential changes to the wholesale and retail electric power markets to enhance the competitiveness of these markets. Alternative market structures were evaluated and assessed in an effort to determine the market structure that offers the greatest societal net benefits. Offered proposed market structure changes that would accommodate government policy objectives of allowing greater levels of retail contestability and new entrants to satisfy the market's need for additional capacity. Evaluated restructuring reforms that had been implemented in a range of different markets that were of a similar size as Western Australia.
- » Advised the Energy Strategy Working Group regarding the development of an electricity restructuring policy for the Province of Nova Scotia. Reviewed the experience with respect to the wholesale and retail market restructuring in California, New England, PJM, and Alberta and based on this experience outlined lessons learned and potential implications for electric restructuring Nova Scotia. Outlined the arguments for considering the restructuring of Nova Scotia's electricity market, reviewed contrasting market models, and discussed the critical constraints on wholesale and retail market restructuring in Nova Scotia.
- » .Provided numerous presentations regarding the experiences with the restructuring of wholesale power markets and the lessons learned. Markets evaluated have included California, Alberta, New York, New England, PJM, Victoria, and England and Wales.

#### **Avoided Cost Review**

- » As part of a proceeding to review a proposed standard offer testified on avoided cost estimates and reviewed proposed terms and conditions in the power purchase agreement. The testimony resulted in a decision in which the Florida Public Service Commission directed the utility to amend various elements of its standard offer.
- » Critically assessed the avoided cost projections developed by National Grid and the Massachusetts electric distribution companies, which were used to assess the cost-effectiveness of a 400 MW power purchase agreement. Reviewed the reasonableness of input assumptions, contrasted these with historical values and alternative estimates; reviewed the reasonableness of the modeling methodology and assessed for potential biases; benchmarked results to alternative estimates and historical values.
- » Developed estimates of the costs of competing technologies as part of the British Columbia Utilities Commission's review of the Site C Hydroelectric project. Defended estimates and appeared before the Commission to address outstanding questions as part of public hearing on the Site C Project.
- » Developed estimate of the avoided cost savings and resulting rate impacts of a major renewable energy resource. Developed independent estimates of avoided costs based on underlying resource mix, operating profile of the renewable resource and forecast capacity additions.

#### **Resource Planning & Project Assessment**

- » Served as independent expert regarding cost and availability of clean energy alternatives to Site C hydroelectric project. Presented findings before BC Utilities Commission Site C Review Committee.

- » Drafted and defended an expert report that was filed before the Nova Scotia Utility and Review Board (UARB). Report assessed a preferred plan (the Maritime Link, which would deliver power from Muskrat Falls through Newfoundland and Labrador across the Maritime Link and into Nova Scotia) and two alternative plans (more domestic generation or more imports) across a wide range of sensitivity cases covering demand growth, electricity, natural gas and fuel prices, and various supply scenarios. The analysis also assessed the interaction of each alternative with adjacent markets for export and import opportunities and considered the impact of renewable energy obligations in these markets on sales options that would be available. Analysis and results were subjected to information requests and cross-examination and successfully defended before the UARB in a formal hearing.
- » Conducted a market study evaluating the economic benefits of a major HVDC transmission interconnection between the three provinces: Alberta, Saskatchewan and Manitoba. A critical element of this market study was developing a market price forecast of electricity prices and production costs in the three provinces with and without the proposed transmission facilities.
- » For NB Power provided an independent review of their 2017 and 2014 Integrated Resource Plans (IRPs), which was filed with Government. Review focused on methods, assumptions, consultation activities and reasonableness of results.
- » Reviewed Manitoba Hydro's NFAT application and offered comments to client on deficiencies in the application. Comments focused on reasonableness of assumptions, methods and models. Reviewed comments provided by other parties in the proceeding.
- » Developed independent analysis of resource alternatives available to Nova Scotia to comply with various emission control requirements. Work involved developing a comprehensive model that assessed the relative cost of the different resource alternatives that were available to the Province. In a subsequent project, the model was used compare the effective cost of the Maritime Link to other resource alternatives. Defended this analysis before the provincial regulator.
- » Testified on behalf of an IPP on the reasonableness of an electric utility's integrated resource planning process and the corresponding investment in the repowering of a natural gas-fired generation resource. A primary focus of the testimony was on the deficiencies in the utility's economic evaluation methodologies and resulting biases from these methods.

### **Project Valuation**

- » Served as Project Manager for assignments requiring the development of valuation estimates for numerous energy projects. Projects typically entailed modeling revenues and costs to predict cash flows and calculate the cumulative present worth of after-tax cash flows. The overall viability of projects were assessed by reviewing the status of project permitting efforts and financial commitments, the major provisions of power purchase agreements and steam purchase agreements.
- » Managed a project to provide an independent valuation of a multi-unit generating portfolio as part of a refinancing for the portfolio. Oversaw and managed the development of an electricity market price forecast and estimate of the fair market value of the proposed portfolio. Defended analyses before credit rating agencies and lenders.
- » Completed a comprehensive valuation of an oil-sands cogeneration project. As part of this effort, the team examined various market scenarios and potential spot market volatility and the subsequent impact on the client's electricity commodity costs.
- » Performed detailed analyses of numerous generation projects' financial feasibility. Analyses considered alternative financing schemes and identified strategies for enhancing project values.

- » Evaluated the economic and financial feasibility of a number of different generation projects for project developers, project hosts, and a gas utility. Assisted in the development of a cogeneration feasibility assessment model.
- » Developed an estimate of the capital and operating costs of a wide range of generating technologies as part of a comprehensive assessment of the costs of new entry. Also estimated the appropriate cost of equity using the capital asset pricing model and debt and capital structure based on market information for merchant generators.
- » Oversaw the development of numerous electricity distribution company valuation models. Used models to derive an estimate of the fair market value of the LDCs. Defended analysis before utility boards and management.
- » Developed quantitative and qualitative analyses of generating assets in support of numerous generation asset acquisitions. Assisted in the management and coordination of multiple facets of the due diligence process, including technical engineering assessments, environmental, fuel supply, etc. Experience includes a broad range of fuels / technologies, including wind and other renewables.

### **Competitive Procurement Support**

- » Advised on the development of over 25 RFPs for power supplies and demand-side resources for electric utilities across North America, serving as project manager for well over half of these RFPs. Support covered the full range of RFP support services including advising regarding the appropriate form of the RFP and evaluation process to secure resources that best satisfy the client's objectives, drafting the RFP, developing the evaluation framework, marketing the RFP process to prospective bidders and negotiating with bidders.
- » Testified before the Alberta Utilities Commission on the appropriate structure for the Alberta Electric System Operator's competitive procurement process. The applicant adopted the many of the recommendations made in rebuttal testimony and the Commission directed the applicant to revise its proposal to conform to other recommendations. A primary focus of the testimony was how to enhance competitive tension in the procurement process for the benefit of electricity consumers.
- » Managed a multi-disciplinary team that served as the Renewable Electricity Administrator for the Province of Nova Scotia responsible for procuring 300 GWh of renewable energy through a competitive procurement process.
- » Advised the Vermont Public Service Board on the development of a market-based mechanism for the procurement of renewable energy. Legislation identified a reverse auction as a possible procurement mechanism. This along with other procurement methods were evaluated to determine the method that would be serve customers. Alternatives were evaluated by contrasting the product and other distinguishing characteristics, degree of price transparency, requirements for bidders, with each alternative evaluated in terms of efficiency of outcomes given the anticipated level of competition.
- » Advised on commercial issues for power purchase agreements.
- » Offered testimony before the Massachusetts Department of Public Utilities on a utility RFP process. Authored reports on the evaluation of proposals.
- » Reviewed the performance of the Alberta PPA Auction and critically assessed elements of the PPAs and the auction design which caused the auction to reduce the value secured for the generation assets that were auctioned.

- » Outlined the pro and cons of different frameworks that could be used for the sale of surplus energy and reviewed whether these sales frameworks were appropriate for the products being offered and the relevant market.
- » Advised the Western Australia Electricity Restructuring Task Force with respect to the performance of auctions in Ireland for the sale of capacity and energy. Reviewed the structure of the auction how it could be employed in Western Australia to mitigate the market power of the incumbent state generator.
- » Managed numerous competitive solicitations for renewable energy resources and energy efficiency projects. Projects involved the development of frameworks for evaluating these energy alternatives and for comparing them on a consistent basis with conventional electricity supplies. Analyses considered the relative environmental impacts, reliability benefits, and cost-effectiveness of alternatives.
- » Acted as Project Manager for several assignments to serve as the independent evaluator of conventional generation, renewable resource and demand-side RFPs. Responsible for determining whether proposals satisfy the threshold requirements in the RFP and for scoring all proposals. Also responsible for identifying the short-list of proposals, conducting bid clarification meetings with shortlisted bidders, and recommending to the selection of winning bidders.

#### **Transmission Facility Review and Pricing Proceeding Support**

- » Advised the staff of the Ontario Energy Board on the evaluation of the proposal for a 1,250 MW HVDC line between Quebec and Ontario and served as a participating staff member for the Massachusetts Energy Facilities Siting Board's evaluation of the 2,000 MW HVDC interconnection between Massachusetts and Quebec.
- » Advised OEB staff on the review of evidence presented by Hydro One in its application for two 240 kV transmission lines to alleviate the Queenston Flow West constraint.
- » Advised clients in Saskatchewan, Newfoundland and Labrador, and Alberta on transmission pricing issues. Testified in the Alberta Transmission Congestion Pricing Principles proceeding.
- » Led a consulting team that assisted with the preparation of the East-West Electrical Transmission Grid Study. Authored subsequent updates to this study for Natural Resources Canada.
- » Advised a client regarding the elements of a comprehensive electricity export policy framework. Advice focussed on economic and social issues arising from the development of export oriented transmission infrastructure to support the development generation for export.
- » Provided testimony on Northeast power markets and transmission issues and consequential damages in a civil case in New York. Evaluated the implications of the loss of a transmission facilities on the power system adequacy.
- » Advised a number of clients on the issues associated with the development of merchant transmission facilities. Projects included reviewing the status of merchant project development efforts, merchant project structures, key success factors for merchant plant development and a review of merchant plant development opportunities worldwide.

#### **Renewable Energy Policy Development and Evaluation**

- » Advised governments of Ontario, New Brunswick, Nova Scotia, and Manitoba on policies for the promotion of renewable energy technologies.
- » Advised the Ontario Select Committee on Alternative Fuels on the most promising renewable technologies, identified barriers to their development and adoption and proposed policies for overcoming these barriers.

- » Directed a project for a group of municipalities in Manitoba that evaluated the economic opportunity offered by wind projects in Manitoba and identified policies to promote the development of Manitoba's wind resources.
- » Evaluated a Continental Renewable Portfolio Standard (RPS) that would span the US and Canada. Project included reviewing the RPS designs for all the major RPS programs in the US and evaluating the changes in electricity trade and resulting electricity cost savings from relaxing various RPS provisions.
- » Advised the Ontario Power Authority on the development of a standard offer for renewable energy technologies.
- » Delivered a presentation on Canadian policies to promote the development of wind energy projects. Presentation reviewed federal and all relevant provincial programs and policies to promote the development of wind energy projects.
- » Developed recommendations for the Manitoba Sustainable Energy Association on policies to promote the adoption of renewable energy technologies in Manitoba. Reviewed the relative advantages and disadvantages of standard offers versus RFPs and made recommendations regarding the appropriate applications of each.
- » Advised numerous electricity generation development companies on the implications and opportunities presented by renewable energy policies. Developed strategic plans for a wide range of renewable energy technologies including large scale wind, landfill gas, biomass, anaerobic digestion, and small hydro.
- » Evaluated electricity wholesale market and REC prices that would apply to landfill gas projects and reviewed US federal policies that benefited these projects including the production tax credit.
- » Reviewed the general market for the development of renewable energy projects in Canada and contrasted market conditions with those in other countries.
- » Led the development of a multi-client study that evaluated the opportunities for wind project development in Ontario under existing federal and provincial programs.
- » Contrasted state RPS programs by identifying eligible technologies, eligibility requirements for projects in different jurisdictions, strategies for assessing compliance, RPS targets, and penalty provisions for failure to achieve the target.

### **Speaking Engagements**

- » "Strategies for Enhancing the Value of Your Asset", IBC Conference, (November, 1999)
- » "Electricity Restructuring Lessons Learned: Implications for Ontario", Ontario Energy Marketers Association (April, 2001)
- » "Electricity Power Prices in the Deregulated Ontario Market, 2001 CERI Conference, (October, 2001)
- » "Electricity Restructuring in the US and Eastern Canada", World Bank/CREG/CERI Conference, (November, 2001)
- » "Prices and Price Volatility in the Ontario Wholesale Power Market" PowerFair 2002, (May, 2002)
- » "Pricing Fundamentals in the Ontario Wholesale Power Market" PowerFair 2003, (August, 2003)
- » "The Economics of Power Generation in Atlantic Canada", 2003 Atlantic Power Summit (October, 2003)

- » “Future Opportunities in the Maritimes”, 2003 Ontario Energy Contracts Conference, (November, 2003)
- » “A Perspective on Ontario’s Evolving Wholesale and Retail Power Market Structures”, PowerFair 2004, (May, 2004)
- » “Canadian Policies to Promote Wind Project Development” EUCI’s 4<sup>th</sup> Wind Energy and Power Markets Conference (September, 2004)
- » “Effectively Navigating Ontario’s RFP Processes” Power ON Conference, (October, 2004)
- » “Enhancing the Performance of the Maritimes Market”, 2004 Atlantic Power Summit, (November, 2004)
- » “What Will the Ontario Landscape Look Like?”, 2005 Ontario Energy Contracts Conference, (January, 2005)
- » “Policies to Promote the Adoption of Renewable Energy Technologies in Manitoba”, Manitoba Sustainable Energy Association, (April, 2005)
- » “Outlook for Ontario Electricity Supply & Pricing”, PowerFair 2005, (May, 2005)
- » “Key Risks Affecting Ontario Electricity Consumers”, AMPCO General Member Seminar (November, 2005)
- » “What Kind of Market Structure Would Spark New Investment?” Canadian Institute’s Generation Adequacy in Ontario Conference (April 19, 2006)
- » “Where are Electricity Pricing Going” Insight Information, Ontario Power Forum (June 15, 2006)
- » “Transmission Planning and Policy Development: An Update”, APPrO Conference (November 15, 2006)
- » “Recent Developments in Transmission Access and Pricing” Insight Information’s Grid Reliability and Competition in the Power Sector ( December 12, 2006)
- » “Renewables in Ontario” Insight Info Conference (June 14, 2007)
- » “Report Card on Ontario’s Electricity Market” Ontario Energy Association Annual Conference (September 6, 2007)
- » “Opportunities for Selling Renewable Power into the New England Market” Insight Info’s 5<sup>th</sup> Annual Atlantic Power Summit (September 26, 2007)
- » “New England Market Opportunities and the Prospects for Increased Inter-Regional Trade” Canadian Institute’s Atlantic Energy Conference (May 28, 2008)
- » “Cost Recovery and Return on Equity for Transmission Investment in the U.S.”, Canadian Electricity Association Transmission Council (February 25, 2009)
- » “Ontario’s Feed In Tariff in the Context of North American Renewable Energy Policies”, 2009 OEA Industry Leaders’ Roundtable (April 30, 2009)
- » “Transmission as Barrier to Wind Power Exports from the Maritime Provinces to the US Northeast”, Canadian Wind Energy Association Wind Matters Conference (May 20, 2009)



- » “Electricity Transmission Enhancements to Capitalize on Opportunities for Renewable Resource Development”, Renewable Energy Conference 2009 (May 28, 2009)
- » “Lessons Learned in the Design of Standard Offer and Feed-in Tariff Programs” Vermont Public Service Board Standard Offer Workshop (July 10, 2009)
- » “Impact of the Current Economic Climate on North American Renewable Energy Investment”, Rothesay Energy Dialogue 2009 (July 14, 2009)
- » “Evaluation of Opportunities and Barriers to Wind Power Exports from the Maritime Provinces to the US Northeast”, CanWEA 2009: Infinite Possibilities (September 21, 2009)
- » “Stakeholder Conference Presentation on the Cost of Capital”, Ontario Energy Board (September 22, 2009)
- » “Opportunities Offered by the New England Power Market”, Insight Info’s 7<sup>th</sup> Annual Atlantic Canada Power Summit (October 5, 2009)
- » “Assessment of Ontario’s Green Energy Act and its Implications for Ontario”, PowerLogic ION Users Conference 2009 (October 23, 2009)
- » “Securing Regulatory Support for Smart Grid Investments”, Canadian Electricity Association Customer Council (November 24, 2009)
- » “Creating a Policy Environment that Supports New Transmission Development”, Canadian Institute’s Transmission and Integrating New Power into the Grid, (April 19, 2010)
- » “Policies for Facilitating Transmission Investment” 2010 OEA Energy Leader’s Roundtable, (April 21, 2010)
- » Clean Energy Dialogue Conference, U.S. Department of Energy and Natural Resources Canada, (May 20, 2010)
- » “Providing Revenue Stability for Offshore Wind: PPAs, RFPs and FITs”, Insight Info’s Freshwater Wind 2010 (July 19, 2010)
- » “Market and Economic Barriers to Electricity Storage”, Canadian Electricity Association Generation Council Meeting,, (September 16, 2010)
- » “Opportunities Offered by the New England Power Market”, Canadian Wind Energy Association: Growing Wind Energy in Atlantic Canada, (September 22, 2010)
- » “Considerations for Implementing Feed in Tariffs in Atlantic Canada”, 8th Annual Atlantic Canada and US NE Power Summit (October 26, 2010)
- » “The Role of Cross Border Trade in Achieving Regional Renewable Energy Objectives”, Council of State Governments Energy Plenary (August 8, 2011)
- » “Overview of RFP Process for the Procurement of 300 GWh of Renewable Energy from IPPs”, The Nova Scotia Feed In Tariff Forum (September 22, 2011)
- » Procuring Renewable Electricity under Long-Term Contracts: Balancing Customer and Developer Interests, Atlantic Canada and NE US Power Summit 2011 (October 20, 2011)

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- » Assessing the Competitiveness of Atlantic Canada's Renewable Energy Sector, Rothesay Energy Dialogue (October 26, 2011)
- » Nova Scotia's 2012 Renewable Energy RFP: Delivering Value for Customers 8th Canadian German Wind Energy Conference (February 23, 2012)
- » Employing Competition to Procure Transmission: Lessons Learned from Other Markets, IPPSA 18th Annual Conference (March 12, 2012)
- » Future Opportunities for IPPs in Atlantic Canada, Halifax 2012 FIT Forum (September 24, 2012)
- » Procurement Programs for Long-term Contracts for Renewable Energy Projects in New England, Northeast Energy and Commerce Association, 10<sup>th</sup> Annual Renewable Energy Conference, (March 28, 2013)
- » Market Issues Associated with Wind Integration, Canadian Wind Energy Association and Natural Resources Canada, (September 18, 2013).
- » Evidence Regarding Future Declines in the Cost of Wind, CanWEA 2014 Annual Conference (October 28, 2014)
- » Renewable Energy Credits and Harmonizing Renewable Energy Trading, EUCI US and Canada Cross Border Trade Conference (April 9, 2015)
- » Opportunities offered by Northeast Electricity Markets for Canadian Wind Projects, CanWEA Spring Forum (April 5, 2016)
- » US Northeast Market Opportunities for US & Canada Wind, EUCI's U.S./Canada Cross Border Summit (March 1, 2017)
- » Emerging Trends in North American Energy: Focusing On New England's Electricity Market, East Coast Energy Connection (June 7, 2017)
- » Implications of Expansion of "Non-Traditional" Resources for Northeast Power Markets, Northeast Energy & Commerce Association's Power Markets Conference (November 14, 2017)
- » Northeast Power Markets Outlook: Clean Energy Perspective, EUCI US Cross-Border Energy Summit: 2018 (March 12, 2018)
- » Competitive Transmission Procurement Processes, IESO 2018 Technical Planning Conference (September 13, 2018)
- » Opportunity for Offshore Wind in Canada, Reflecting on US Developments, Marine Renewables Canada 2018 Annual Conference (November 21, 2018)
- » Emerging Eastern United States Offshore Wind Market, Offshore Global Finance 2019: Amsterdam, (March 28, 2019)

## List of Expert Testimony

Rhode Island Public Utilities Commission, Petition for Approval of Proposed Power Purchase Agreement for Offshore Wind Energy, (Docket No. 4929) (May 2019)

Louisiana Public Service Commission, Joint Application by Various Entergy Companies for Approval to Construct the St. Charles Power Station, and for Cost Recovery, (Docket No. U-33770) (January 2016)

Alberta Utilities Commission, Regulated Rate Option Service Providers Generic Proceeding on Energy Price Setting Plans, (Proceeding 2941), Establishing the Appropriate Return Margin for the Regulated Rate Option (October 2014)

Ontario Support Court, Ogichidaakwe (Grand Chief) Diane M. Kelly on her own behalf, on behalf of all members of the Anishinaabe Nation in Treaty 3 and on behalf of Grand Council Treaty 3, Grand Council Treaty 3, Chief Lorraine Cobiness, Chief Janice Henderson, Chief Kimberly Sandy-Kasprick, and Chief Earl Klyne, on their own behalf and on behalf of Grand Council Treaty #3, Chiefs in Assembly versus Ontario Minister of Energy and Ontario Power Authority, (Court File No. 411/11) (March 2014)

Alberta Utilities Commission, Alberta Electric System Operator's 2014 General Tariff Application (Proceeding 2718), Proposed Approach for Designating Transmission Projects (February 2014)

Province of Quebec Superior Court, Churchill Falls (Labrador) Corporation Limited v. Hydro-Québec, Evaluation of the Power Purchase Contract for the Churchill Falls Project when Negotiated and under Current Market Conditions, (September 2013)

Nova Scotia Utility and Review Board, Nova Scotia Power's Application to Build the Maritime Link (ML-2013-01), (June 2013)

Vermont Public Service Board, Investigation into the Development of Standard Offer Prices for Sustainably Priced Energy Enterprise Development (SPEED) Program, (Docket No. 7874), (January 2013)

Vermont Public Service Board, Investigation into the Establishment of a Standard Offer Prices for Baseload Renewable Power under the SPEED Program (Docket No. 7782), (May 2012)

Vermont Public Service Board, Investigation into the Establishment of a Standard Offer Prices for certain existing Hydroelectric Plants under the Sustainably Priced Energy Enterprise Development (SPEED) Program (Docket No. 7781), (February 2012)

Vermont Public Service Board, Investigation into the Review of a Standard Offer Prices for Qualifying Sustainably Priced Energy Enterprise Development (SPEED) Resources (Docket No. 7780), (November 2011)

New Hampshire Public Utilities Commission, Concord Steam Corporation, Application of Public Service Company of New Hampshire for Approval of the Power Purchase Agreement with Laidlaw Berlin BioPower LLC (Docket DE 10-195), (December 2010)

Ontario Energy Board, Hydro One Networks Inc. 2010-2011 Electricity Transmission Revenue Requirement and Rates Application, (Docket EB-2010-0002), (September 2010)

Vermont Public Service Board, Investigation Re: Establishment of a Standard Offer Program for Qualifying Sustainably Priced Energy Enterprise Development ("SPEED") Resources (Docket No. 7533), (December 2009)

United States District Court for Eastern California, Global Ampersand, LLC v. Crown Engineering & Construction, Inc., Damage Cost Analysis for Chowchilla and El Nido Biomass Projects (July 2009)

Florida Public Service Commission: Florida Power & Light Company Application for Approval of Standard Offer Contract and Tariff (Docket NO. 080193-EQ), (December 2008)

Louisiana Public Service Commission: Application of Entergy Louisiana, LLC for Approval to Repower Little Gypsy Unit 3 Electric Generating Facility and for Authority to Commence Construction and for Certain Cost Protection and Cost Recovery (Docket No. U-301922) (September 2007)

Alberta Energy and Utilities Board: Transmission Congestion Management Principles Proceeding, testified on behalf of TransAlta Corporation (EUB 2002-099)

New Brunswick Public Utilities Board: Generic Proceeding on the Need for Proposed Facilities, testified on behalf of New Brunswick Power Corporation Re: forecast of electricity market prices in New England (2001)

New Jersey Board of Public Utilities: Proceeding regarding the competitive implications of restructuring electricity markets on behalf of Orange and Rockland Utilities (1998)

New York Public Service Commission: Proceeding regarding competitive implications of restructuring electricity markets on behalf of Orange and Rockland Utilities (1997)

Federal Energy Regulatory Commission: Review of Competitive Implications of Proposed Merger between Delmarva Power & Light and Atlantic City Electric, testified on behalf of Delmarva Power & Light and Atlantic City Electric (1996)

Rhode Island Energy Facilities Siting Board: Application of Aquidneck Power Ltd. To Build a Natural Gas-fired Generating Facility (1995)

Massachusetts Department of Public Utilities: Review of the Commonwealth Electric Company's Competitive Procurement Process for Demand-Side Resources, testified on behalf of Commonwealth Electric Company (91-234)

Massachusetts Energy Facilities Siting Council: Review of Application by MassPower to build an electric generating facility, testified on behalf of MassPower on the Need and Impacts relative to alternative generation technologies of the proposed project (20 DOMSC 301 (1990))

Massachusetts Energy Facilities Siting Council: Review of Application by Northeast Energy Associates to build an electric generating facility, testified on behalf of Northeast Energy Associates on the impacts and costs relative to alternative generation technologies (16 DOMSC 335 (1987))